MATHEMATICS OF THE USSR – SBORNIK

МАТЕМАТИЧЕСКИЙ СБОРНИК

Tom 89 (131) Nos. 1–4, 1972

Volume 18, Nos. 1–4 September–December, 1972 Pages 1–676

INDEX OF AUTHORS

Page

Alekseevskiĭ, D. V. *Groups of conformal transformations of Riemannian spaces* 285

Azarin, V. S. *Example of an entire function with given indicator and lower indicator* 541

Dolgačev, I. V. *The Euler characteristic of a family of algebraic varieties* 303

Donin, I. F. *Complete families of deformations of germs of complex spaces* 397

Dyn'kin, E. M. *Functions with given estimate for $\partial f/\partial \bar{z}$, and N. Levinson's theorem* 181

Èĭdel'man, S. D. See Kondrat'ev, V. A., Pletneva, T. G. and Èĭdel'man, S. D.

Fedorčuk, V. V. *On H-closed extensions of θ-proximity spaces* 407

Fomenko, A. T. *The multidimensional Plateau problem in Riemannian manifolds* 487

Frolov, Ju. N. *On a method of solution of an operator equation of infinite order* 473

Gaposkin, V. F. *On the convergence of series of weakly multiplicative systems of functions* 361

Golubov, B. I. *On the convergence of Riesz spherical means of multiple Fourier series and integrals of functions of bounded generalized variation* 635

Gončar, A. A. *A local condition of single-valuedness of analytic functions* 151

Havinson, S. Ja. and Romanova, Z. S. *Approximation properties of finite-dimensional subspaces in L_1* 1

Hromov, A. P. *On a representation of the kernels of resolvents of Volterra operators and its applications* 209

Kirštein, B. H. *Invariant subrings of the induced ring on the 4×4 symplectic group* 228

Kondrat'ev, V. A., Pletneva, T. G. and Èĭdel'man, S. D. *Positive solutions of linear quasielliptic evolution equations* 15

Konjuhovskiĭ, V. V. *Some metric properties of Engel's representation* 249

Korenbljum, B. I. *Invariant subspaces of the shift operator in weighted Hilbert space* 111

Korobov, N. M. *On the distribution of digits in periodic fractions* 659

Leĭbenzon, Z. L. *Algebraic-differential transformations of linear differential operators of arbitrary order and their spectral properties applicable to the inverse problem* 425

Leont'ev, A. F. *On the representing of entire functions of several variables by Dirichlet series* 589

Manin, Ju. I. See Zarhin, Ju. G and Manin, Ju. I.

Nikišin, E. M. *Weyl multipliers for multiple Fourier series* 351

Pletneva, T. G. See Kondrat'ev, V. A., Pletneva, T. G. and Èĭdel'man, S. D.

Popov, S. A. *Knotting of contractible two-dimensional polyhedra in* R^4 333

Popov, V. A. See Sendov, Bl. and Popov, V. A.

Rabinovič, V. S. *Pseudodifferential operators on a class of noncompact manifolds* 45

Roĭtman, A. A. *Rational equivalence of zero-cycles* 571

Romanova, Z. S. See Havinson, S. Ja. and Romanova, Z. S.

Romanovskiĭ, N. S. *A freedom theorem for groups with one defining relation in the varieties of solvable and nilpotent groups of given lengths* 93

Rozenbljum, G. V. *On the eigenvalues of the first boundary value problem in unbounded domains* 235

Rozendorn, È. R. *The nonembeddability of complete q-metrics of negative curvature in a class of weakly nonregular surfaces* 83

Sarmanov, O. V. See Zaharov, V. K. and Sarmanov, O. V.

Sendov, Bl. and Popov, V. A. *The exact asymptotic behavior of the best approximation by algebraic and trigonometric polynomials in the Hausdorff metric* 139

Šifrin, M. A. *The rate of decrease of solutions of elliptic equations* 621

Šnirel'man, A. I. *The degree of a quasi-ruled mapping and a nonlinear Hilbert problem* 373

Sosinskiĭ, A. B. *The homology of a symmetric relation* 342

Šul'man, V. S. *Symmetric Banach algebras of operators in a space of type* Π_1 267

Tkačenko, V. A. *On the expansion of an entire function of finite order in the eigenfunctions of a differential operator* 559

Tovmasjan, N. E. *On a method of solving boundary value problems for elliptic systems of second-order differential equations in the plane* 603

Treger, R. B. *Rings with a free semigroup of invertible ideals* 101

Tulovskiĭ, V. N. *Asymptotic distribution of eigenvalues of differential equations* 191

Usmanov, Z. D. *On a problem concerning the deformation of a surface with a flat point* 61

Vaserštein, L. N. *On the group* SL_2 *over Dedekind rings of arithmetic type* 321

Zaharov, V. K. and Sarmanov, O. V. *Combinatorial methods for investigating the distribution of the trajectory amplitude of a random walk.* I 529

Zarhin, Ju. G. and Manin, Ju. I. *Height on families of abelian varieties* 169